

THE CLAIMS

What is claimed is:

1. An airflow shroud for a moving-slider-type microactuator, comprising:
a frame portion having an opening suitable for exposing an air bearing surface of a slider for a disk drive, the frame portion surrounding the slider and a moving-slider-type microactuator coupled to the slider; and
an attachment portion adapted for attachment to a suspension of a disk drive.
2. The airflow shroud according to claim 1, wherein the frame portion has side portions forming the opening and a tapered shape between each side portion and the opening.
3. The airflow shroud according to claim 1, wherein between about 50 to 100 micrometers of the slider are exposed through the opening of the frame portion.
4. An airflow shroud for a moving-head-type microactuator, comprising:
a plate portion attachable to a slider having a moving-head-type microactuator; and
a recessed portion corresponding to the moving-head-type microactuator of the slider.
5. A disk drive comprising an airflow shroud for a moving-slider-type microactuator, the airflow shroud including a frame portion having an opening suitable for exposing an air bearing surface of a slider for the disk drive, the frame portion surrounding the slider and a moving-slider-type microactuator coupled to the slider, and an attachment portion adapted for attachment to a suspension of the disk drive.
6. The disk drive according to claim 5, wherein the frame portion has side portions forming the opening and a tapered shape between each side portion and the opening.

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7. The disk drive according to claim 5, wherein between about 50 to 100 micrometers of the slider are exposed through the opening of the frame portion.

8. A disk drive comprising an airflow shroud for a moving-head-type microactuator, the airflow shroud including a plate portion attachable to a slider having a moving-head-type microactuator, and a recessed portion corresponding to the moving-head-type microactuator of the slider.